EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	273526	electrolumines$5 and carbazole$1same (amin$7 same derivative$1)	US-PGPUB; USPAT	OR	ON	2011/03/21 13:32
S117	160544	(@pd<"20031222" or @ap<"20031224") and (naphthalene light semiconductor).ti.	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:52
S118	159754	(@pd<"20031222" or @ap<"20031224") and (naphthalene and diimide light semiconductor).ti.	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:52
S61	78637	oxide same improve ("hole-transporting" or "hole transporting") and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/08 14:34
S62	74020	oxide same improve ("hole-transporting" or "hole transporting") adj proprety and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/08 14:34
L1	4972	electrolumines$5 and oxide $1 same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2011/03/21 13:28
S75	4432	428/690.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/09 09:27
S53	4240	("hole injecting" or "hole transporting" or "hole-injecting" or "hole-transporting" or "hole injection" or "hole-injection") with cathode and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/08 09:11
S54	4056	("hole injecting" or "hole transporting" or "hole-injecting" or "hole-transporting" or "hole injection" or "hole-injection") with layer with cathode and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/08 09:11

S55	3408	("hole injecting" or "hole transporting" or "hole-injecting" or "hole-transporting" or "hole injection" or "hole-injection") adj layer with cathode and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/08 09:11
S16	3028	electroluminescent and oxide same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/25 11:06
S41	2557	(carbazole with derivative $5) same amin$5	US-PGPUB; USPAT	OR	ON	2009/06/25 17:14
L10	1317	electrolumines$5 and carbazole$1 same ("hole-injecting" "hole injecting" (hole with inject $7))	US-PGPUB; USPAT	OR	ON	2011/03/21 13:31
S76	1186	428/690.ccls. and electroluminescent and carbazole	US-PGPUB; USPAT	OR	ON	2009/07/09 09:27
S37	1104	electroluminescent and carbazole same ("amine" or "amino")	US-PGPUB; USPAT	OR	ON	2009/06/25 16:31
L11	1014	(vanadium with oxide$1) same ("hole-injecting" or "hole injecting" or "hole injection" or "hole-injection")	US-PGPUB; USPAT	OR	ON	2011/03/21 13:31
S107	800	(@pd<"20031222" or @ap<"20031224") and (naphthalene).ti.	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:28
S38	761	electroluminescent and carbazole same ("amine" or "amino") same derivative$5	US-PGPUB; USPAT	OR	ON	2009/06/25 16:31
L12	736	vanadium with oxide$1 same ("hole-injecting" or "hole injecting" or "hole injection" or "hole-injection") and electrolumines$5	US-PGPUB; USPAT	OR	ON	2011/03/21 13:32
S42	628	(carbazole with derivative) same amin$3 and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/06/25 17:14
S29	546	"vanadium oxide" same ("hole-injecting" or "hole injecting" or "hole injection" or "hole-injection")	US-PGPUB; USPAT	OR	ON	2009/06/25 12:09
S25	455	electroluminescent and "ruthenium oxide"	US-PGPUB; USPAT	OR	ON	2009/06/25 12:00

S98	428	("electron injecting") with oxadiazole	US-PGPUB; USPAT	OR	ON	2009/07/09 17:26
L8	353	electrolumines$5 and rhenium adj oxide$1	US-PGPUB; USPAT	OR	ON	2011/03/21 13:30
L5	348	electrolumines$5 and vanadium adj oxide$1 same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT	OR	ON	2011/03/21 13:29
S43	308	(carbazole with derivative) same amin$3 and electroluminescent and @ay<="2004"	US-PGPUB; USPAT	OR	ON	2009/06/25 17:15
S30	298	"vanadium oxide" same ("hole-injecting" or "hole injecting" or "hole injection" or "hole-injection") and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/06/25 12:10
S128	183	(@pd<"20041128" or @ap<"20041130") and electroluminescent and carbazole same oxide	US-PGPUB; USPAT	OR	OFF	2010/02/04 13:55
L2	179	electrolumines$5 and inorganic adj compound$1 same oxide$1 same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2011/03/21 13:28
S32	178	electroluminescent and carbazole same ("electron-injecting" or "electron injecting" or "electron-injection" or "electron injection")	US-PGPUB; USPAT	OR	ON	2009/06/25 12:53
S21	158	electroluminescent and "vanadium oxide" same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT	OR	ON	2009/06/25 11:23
L9	146	electrolumines$5 and ruthenium adj oxide$1 same ("hole-transport" or "hole transport" or "hole transporting" or "hole transporting")	US-PGPUB; USPAT	OR	ON	2011/03/21 13:30
S74	141	anthracene with ("hole transporting" or "hole-transporting") and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/08 17:37
S72	132	fluorene same ("hole-transporting" or "hole transporting") and electroluminescent	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/08 17:10

L3	127	electrolumines$5 and transition same oxide$1 same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2011/03/21 13:28
S24	115	electroluminescent and "rhenium oxide"	US-PGPUB; USPAT	OR	ON	2009/06/25 11:26
L4	110	electrolumines$5 and transition same oxide$1 same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT	OR	ON	2011/03/21 13:29
L6	82	electrolumines$5 and vanadium adj oxide$1 same transport$1 with layer$1	US-PGPUB; USPAT	OR	ON	2011/03/21 13:29
S27	72	electroluminescent and carbazole same "hole-injecting"	US-PGPUB; USPAT	OR	ON	2009/06/25 12:03
S26	70	electroluminescent and "ruthenium oxide" same ("hole-transport" or "hole transport" or "hole transporting" or "hole transporting")	US-PGPUB; USPAT	OR	ON	2009/06/25 12:01
S73	66	fluorene with ("hole-transporting" or "hole transporting") and electroluminescent	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/08 17:10
S18	51	electroluminescent and transition same "oxide" same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/25 11:19
S17	47	electroluminescent and "inorganic compound" same "oxide" same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/25 11:06
S57	47	("charge generation" or "charge-generating") adj layer with cathode and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/08 09:32
S109	46	(@pd<"20031222" or @ap<"20031224") and (naphthalene).ti. and charge	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:28
S19	40	electroluminescent and transition same "oxide" same ("hole-transporting" or "hole transporting" or "hole transport")	US-PGPUB; USPAT	OR	ON	2009/06/25 11:19

S5	35	nocera.in.	US-PGPUB; USPAT	OR	ON	2009/06/24 17:04
S124	26	"5059863"	US-PGPUB; USPAT	OR	OFF	2009/12/22 14:33
S22	20	electroluminescent and "vanadium oxide" same "transport layer"	US-PGPUB; USPAT	OR	ON	2009/06/25 11:25
S64	18	("5989737" "6486601" "20050084712" "20050098207" "7158161" "20050084713" "20050170208" "20050106419" "20060008740" "6602619" "20040185299" "20050067951" "20050221124" "20050225235" "6423429" "6013384" "6589673" "20030189401").pn.	US-PGPUB; USPAT	OR	ON	2009/07/08 14:47
S104	18	(@pd<"20031222" or @ap<"20031224") and (naphthalene with diimide $1) and electroluminescent	US-PGPUB; USPAT	OR	OFF	2009/12/22 10:59
S84	17	richter.in. and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/09 11:33
S52	16	N-substituted adj carbazole and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/06/29 10:17
S59	14	("5989737" "6486601" "20050084712" "20050098207" "7158161" "20050084713" "20050170208" "20050106419" "20060008740" "6602619" "20040185299" "20050067951" "20050221124" "20050225235").pn.	US-PGPUB; USPAT	OR	ON	2009/07/08 13:36
S113	14	(@pd<"20031222" or @ap<"20031224") and (naphthalene).ti. and ("light-emitting" or "light emitting")	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:46
S56	12	("hole injecting" or "hole transporting" or "hole-injecting" or "hole-transporting" or "hole injection" or "hole-injection") adj layer with cathode with carbazole and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/08 09:23

S108	12	(@pd< "20031222" or @ap< "20031224") and (naphthalene).ti. and charge and electroluminescent	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:28
S93	11	kanamaru.in. and electroluminescent	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/09 15:10
S34	9	electroluminescent and "kido".in. and ("charge-generation" or "charge-generating" or "charge generation")	US-PGPUB; USPAT	OR	ON	2009/06/25 13:01
S77	7	("20080254318" "20050031899" "20070031701" "20070049760" "20090058261" "20080284328" "20090160323").pn.	US-PGPUB; USPAT	OR	ON	2009/07/09 09:36
S120	6	("6103446" "6146809" "20010016269" "20010004107" "20030091862" "6114463").pn.	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:54
S121	6	("20030165715" "6436558")	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:56
S33	5	electroluminescent and ((("charge generation" or "charge-generating" or "charge-generation") adj layer) same "vanadium oxide"	US-PGPUB; USPAT	OR	ON	2009/06/25 13:00
S105	5	(@pd< "20031222" or @ap< "20031224") and (naphthalene with diimide $1).ti.	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:18
S106	5	(@pd< "20031222" or @ap< "20031224") and (naphthalene same diimide $1).ti.	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:21
S119	5	(@pd< "20031222" or @ap< "20031224") and (naphthalene and diimide).ti.	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:53
L7	4	electroluminescent and rhenium with oxide$1 same (transport$1 with layer$1)	US-PGPUB; USPAT	OR	ON	2011/03/21 13:30

S58	4	("5989737" "6486601" 2005/0084712 2005/0098207 "7158161" 2005/0084713 2005/0170208 2005/0106419 2006/0008740 "6602619" 2004/0185299 2005/0067951 2005/0221124 2005/0225235).pn.	US-PGPUB; USPAT	OR	ON	2009/07/08 13:35
S63	4	oxide same improve with ("hole-transporting" or "hole transporting") adj property and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/07/08 14:34
S133	4	(@pd<"20041128" or @ap<"20041130") and kido. in. and "charge generating"	US-PGPUB; USPAT	OR	OFF	2010/02/04 13:58
S15	3	"10310574"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/25 10:00
S79	3	"10310574".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/09 09:53
S114	3	("20050251930" "20060058330")	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:48
S20	2	"20050206305"	US-PGPUB; USPAT	OR	ON	2009/06/25 11:22
S39	2	2004JP-347518	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/25 16:55
S40	2	"20050225235".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/25 17:11
S47	2	2004JP-347518	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/25 17:43
S48	2	"20050208334".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/25 17:48
S111	2	"20050131220"	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:44
S112	2	"20030153005"	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:44
S129	2	(@pd<"20041128" or @ap<"20041130") and electroluminescent and carbazole same "vanadium oxide"	US-PGPUB; USPAT	OR	OFF	2010/02/04 13:56

S134	2	(@pd< "20041128" or @ap< "20041130") and kido. in. and "charge generation"	US-PGPUB; USPAT	OR	OFF	2010/02/04 13:58
S1	1	"20090058267"	US-PGPUB; USPAT	OR	ON	2009/06/24 16:24
S2	1	"6617051".pn.	US-PGPUB; USPAT	OR	ON	2009/06/24 17:00
S3	1	"20040170863".pn.	US-PGPUB; USPAT	OR	ON	2009/06/24 17:01
S4	1	"20040263069".pn.	US-PGPUB; USPAT	OR	ON	2009/06/24 17:02
S6	1	nocera.in. and cobalt	US-PGPUB; USPAT	OR	ON	2009/06/24 17:05
S8	1	1998JP-310574	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/24 17:06
S9	1	1998JP-310574	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/25 09:53
S28	1	electroluminescent and "small ionization" same "hole-injection"	US-PGPUB; USPAT	OR	ON	2009/06/25 12:06
S31	1	"20010022497".pn.	US-PGPUB; USPAT	OR	ON	2009/06/25 12:12
S35	1	"20050225235".pn.	US-PGPUB; USPAT	OR	ON	2009/06/25 16:11
S36	1	"20090058267".pn.	US-PGPUB; USPAT	OR	ON	2009/06/25 16:15
S49	1	"20030129448".pn.	US-PGPUB; USPAT	OR	ON	2009/06/29 08:49
S50	1	"20050225235"	US-PGPUB; USPAT	OR	ON	2009/06/29 08:54
S60	1	"20050098207".pn.	US-PGPUB; USPAT	OR	ON	2009/07/08 13:56
S65	1	"20050225235"	US-PGPUB; USPAT	OR	ON	2009/07/08 15:12
S66	1	"20030129448"	US-PGPUB; USPAT	OR	ON	2009/07/08 15:54
S67	1	"20050225235"	US-PGPUB; USPAT	OR	ON	2009/07/08 15:58
S68	1	"6541129".pn.	US-PGPUB; USPAT	OR	ON	2009/07/08 16:49
S69	1	"6541129".pn.	US-PGPUB; USPAT	OR	ON	2009/07/08 16:53
S70	1	1998JP-234899	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/08 17:03
S78	1	"20050067951".pn.	US-PGPUB; USPAT	OR	ON	2009/07/09 09:48

S81	1	"20050098207".pn.	US-PGPUB; USPAT	OR	ON	2009/07/09 10:00
S82	1	"20050067251".pn.	US-PGPUB; USPAT	OR	ON	2009/07/09 11:32
S83	1	"20050067251".pn.	US-PGPUB; USPAT	OR	ON	2009/07/09 11:32
S85	1	"20080284328".pn.	US-PGPUB; USPAT	OR	ON	2009/07/09 14:40
S86	1	"200056491"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/09 15:02
S89	1	"200056491"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/09 15:02
S90	1	"200056491".pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/09 15:02
S92	1	"200056491"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/09 15:06
S97	1	1998JP-234899	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/07/09 15:17
S99	1	"20040185299"	US-PGPUB; USPAT	OR	ON	2009/07/13 15:55
S103	1	(@pd<"20031222" or @ap<"20031224") and (naphthalene with diimide $1) same ("light-emitting" or "light emitting")	US-PGPUB; USPAT	OR	OFF	2009/12/22 10:58
S110	1	"20070116981"	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:31
S116	1	"20050176970"	US-PGPUB; USPAT	OR	OFF	2009/12/22 11:52
S122	1	"20040219387"	US-PGPUB; USPAT	OR	OFF	2009/12/22 12:35
S123	1	"5059863".pn.	US-PGPUB; USPAT	OR	OFF	2009/12/22 12:39
S125	1	"10584308"	US-PGPUB; USPAT	OR	OFF	2010/02/04 11:28
S127	1	"10310574"	JPO	OR	OFF	2010/02/04 13:36

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